



TYPICAL SECTION
HOT MIX ASPHALT PAVED SHOULDER

DESIGN QUANTITY TABLE ②				
E	SHOULDER SURFACE AREA m ²	HOT MIX ASPHALT SHOULDER ③		
		HOT MIX ASPHALT Mg	ASPHALT BINDER Mg	TACK COAT ④ L
1.2	120.0	60.45	3.63	32.0
1.8	180.0	88.35	5.30	44.0
2.4	240.0	116.25	6.98	56.0
3.0	300.0	144.15	8.65	68.0

GENERAL NOTES:

Details indicated hereon illustrate the general requirements for construction of a Hot Mix Asphalt Paved Shoulder.

Any necessary special shaping required in preparation of subgrade grade shall be considered incidental to other work. Any material removed due to special shaping may be used as earth fill, Class 10 excavation, Class 13 excavation, or on other suitable areas on the project as approved by the Engineer.

The subgrade beneath Paved Shoulders shall be constructed in conformance with specifications for Natural Subgrade. "Special Backfill" material shall be paid for as specified in Article 2102.14, paragraph D. Payment shall be based on a uniform 150 millimeters thickness. The thickness may be exceeded at the contractor's option with no compensation for the additional material.

For rumble strip details, see Standard Road Plan RH-41D.

Rumble strips, special shaping, earth shoulder fill, and furnishing and finishing material for edge treatment fillets are incidental.

- ① Refer to the appropriate Detail Drawing.
- ② Quantities shown are for one shoulder per station. Rates of application may be adjusted at time of construction if so directed by the Engineer.
- ③ Quantities shown are based on a design density of 2325 kilograms per cubic meter for Hot Mix Asphalt with an asphalt content of 6.0% utilizing a 19 millimeter aggregate mix size, with 45% crushed particles, and no special aggregate frictional requirements. Asphalt Binder PG58-28 shall be utilized with this mix.
- ④ Includes quantity for tack coating vertical face of adjacent pavement prior to placement of any base material. Tack coat estimated at one (1) application at 0.20 liters per square meter.

All dimensions given in millimeters unless noted.

METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN	RH-42
	REVISION: Show flatter than 6:1 slope and actual 6:1 slope.	REVISION NO. 16
	APPROVED BY: <i>William J. Skan</i> DESIGN METHODS ENGINEER	REVISION DATE 10-29-02
	PAVED SHOULDER 200 mm HOT MIX ASPHALT (ADJACENT TO PCC PAVEMENT)	